

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110859.D
 Acq On : 19 Nov 2018 17:59
 Operator : JU/SJ
 Sample : J5981-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03(8-10)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.563	589	591	602	rVB	138735	186617	4.11%	0.503%
2	5.781	624	628	639	rBV	80661	118263	2.61%	0.319%
3	6.569	759	762	768	rBV	151594	186938	4.12%	0.504%
4	6.710	783	786	791	rBV	269655	237933	5.24%	0.642%
5	6.769	791	796	801	rBV3	79728	142654	3.14%	0.385%
6	6.939	818	825	831	rBV	407714	362570	7.99%	0.978%
7	7.092	848	851	864	rVB	192009	206622	4.55%	0.557%
8	7.198	866	869	880	rBV	138271	180385	3.98%	0.486%
9	7.504	916	921	926	rBV	138235	158329	3.49%	0.427%
10	7.792	967	970	983	rVB	248704	255385	5.63%	0.689%
11	7.963	995	999	1003	rBV	129282	130124	2.87%	0.351%
12	8.016	1003	1008	1010	rVV	77923	86337	1.90%	0.233%
13	8.222	1036	1043	1045	rBV	585405	596878	13.16%	1.610%
14	8.245	1045	1047	1050	rVV	2191979	1840340	40.56%	4.963%
15	8.298	1052	1056	1060	rVB	167630	167111	3.68%	0.451%
16	8.434	1074	1079	1082	rBV	151986	142516	3.14%	0.384%
17	8.492	1086	1089	1096	rVV	174134	177000	3.90%	0.477%
18	8.586	1100	1105	1113	rVV	61909	85358	1.88%	0.230%
19	8.933	1160	1164	1171	rBV2	422581	455367	10.04%	1.228%
20	8.992	1171	1174	1178	rBV4	58022	94987	2.09%	0.256%
21	9.033	1178	1181	1187	rVB	243254	224413	4.95%	0.605%
22	9.210	1207	1211	1215	rBV	62882	69746	1.54%	0.188%
23	9.292	1220	1225	1232	rBV	355378	316328	6.97%	0.853%
24	9.398	1240	1243	1246	rBV	217478	176580	3.89%	0.476%
25	9.586	1272	1275	1280	rVB	210833	243647	5.37%	0.657%
26	9.633	1280	1283	1285	rVV2	82466	93112	2.05%	0.251%
27	9.657	1285	1287	1291	rVV2	246361	226418	4.99%	0.611%
28	9.804	1308	1312	1316	rBV	114184	116034	2.56%	0.313%
29	9.845	1316	1319	1323	rVV	336911	315360	6.95%	0.850%
30	9.886	1323	1326	1330	rVB	95157	91775	2.02%	0.247%
31	9.980	1339	1342	1346	rVV	607400	538780	11.88%	1.453%
32	10.016	1346	1348	1354	rVB	147983	128510	2.83%	0.347%
33	10.186	1374	1377	1381	rBV	922122	881669	19.43%	2.378%
34	10.328	1398	1401	1407	rVB	104375	109180	2.41%	0.294%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.386	1407	1411	1418	rBV2	72399	98767	2.18%	0.266%
36	10.533	1432	1436	1441	rVB	1278472	1088663	24.00%	2.936%
37	10.686	1459	1462	1465	rBV	213764	178503	3.93%	0.481%
38	10.775	1472	1477	1482	rBV3	337570	489718	10.79%	1.321%
39	10.863	1487	1492	1498	rBV2	169779	244175	5.38%	0.658%
40	11.080	1526	1529	1532	rVV	153433	162497	3.58%	0.438%
41	11.204	1545	1550	1552	rBV3	82164	98965	2.18%	0.267%
42	11.286	1559	1564	1566	rBV2	94421	102329	2.26%	0.276%
43	11.316	1566	1569	1571	rBV2	317456	264513	5.83%	0.713%
44	11.339	1571	1573	1576	rVB	138642	125632	2.77%	0.339%
45	11.375	1576	1579	1582	rBV	418020	355711	7.84%	0.959%
46	11.480	1593	1597	1598	rBV	410017	398301	8.78%	1.074%
47	11.516	1598	1603	1606	rVV	4084508	4536974	100.00%	12.235%
48	11.557	1606	1610	1613	rVV	1141034	1088158	23.98%	2.934%
49	11.586	1613	1615	1619	rVB2	69198	70472	1.55%	0.190%
50	11.639	1619	1624	1626	rBV3	49050	82208	1.81%	0.222%
51	11.698	1631	1634	1635	rBV3	57934	65642	1.45%	0.177%
52	11.716	1635	1637	1639	rVV	107581	93601	2.06%	0.252%
53	11.739	1639	1641	1644	rVV	345714	260096	5.73%	0.701%
54	11.769	1644	1646	1648	rVV	84189	69133	1.52%	0.186%
55	11.810	1651	1653	1658	rVV4	72196	101880	2.25%	0.275%
56	11.980	1679	1682	1684	rBV	373265	327726	7.22%	0.884%
57	12.010	1684	1687	1690	rVV	432379	368111	8.11%	0.993%
58	12.057	1693	1695	1698	rVV2	138747	127361	2.81%	0.343%
59	12.098	1698	1702	1704	rVV2	478764	525131	11.57%	1.416%
60	12.151	1708	1711	1715	rVV	199097	188769	4.16%	0.509%
61	12.274	1729	1732	1737	rVB	260799	233035	5.14%	0.628%
62	12.533	1773	1776	1779	rBV	202874	187378	4.13%	0.505%
63	12.710	1801	1806	1809	rBV	2517050	2279140	50.23%	6.146%
64	12.798	1819	1821	1827	rVB	77273	75399	1.66%	0.203%
65	12.910	1837	1840	1842	rBV	370992	379083	8.36%	1.022%
66	12.939	1842	1845	1848	rVV	1886630	1627827	35.88%	4.390%
67	12.974	1849	1851	1856	rVB	122220	116405	2.57%	0.314%
68	13.057	1860	1865	1868	rVB2	296968	338686	7.47%	0.913%
69	13.151	1875	1881	1886	rVB3	142729	286159	6.31%	0.772%
70	13.257	1896	1899	1903	rVB	337649	357736	7.88%	0.965%
71	13.321	1907	1910	1913	rVV	226275	201981	4.45%	0.545%

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72	13.363	1913	1917	1920	rVB2	177878	209829	4.62%	0.566%
73	13.457	1931	1933	1936	rBV2	84117	91793	2.02%	0.248%
74	13.486	1936	1938	1941	rVB	98769	89881	1.98%	0.242%
75	13.557	1947	1950	1955	rVB2	208179	203630	4.49%	0.549%
76	13.774	1984	1987	1990	rBV	107454	88209	1.94%	0.238%
77	13.880	2002	2005	2007	rBV	168308	145405	3.20%	0.392%
78	13.904	2007	2009	2012	rVV	228251	223964	4.94%	0.604%
79	13.933	2012	2014	2021	rVB3	172634	225203	4.96%	0.607%
80	14.127	2042	2047	2051	rBV2	1284105	1878705	41.41%	5.066%
81	14.163	2051	2053	2059	rVB	1123580	995583	21.94%	2.685%
82	14.245	2064	2067	2069	rVV2	81597	112158	2.47%	0.302%
83	14.292	2072	2075	2083	rVV7	191536	473765	10.44%	1.278%
84	14.351	2083	2085	2090	rVB3	145420	220599	4.86%	0.595%
85	14.480	2105	2107	2109	rBV	57377	68000	1.50%	0.183%
86	14.521	2109	2114	2116	rVV	226564	321302	7.08%	0.866%
87	14.551	2117	2119	2124	rVB2	159653	158216	3.49%	0.427%
88	14.598	2124	2127	2128	rBV2	64626	64532	1.42%	0.174%
89	14.651	2133	2136	2138	rBV	76262	75777	1.67%	0.204%
90	15.039	2200	2202	2208	rVB2	65118	71502	1.58%	0.193%
91	15.215	2226	2232	2235	rBV	682520	1154344	25.44%	3.113%
92	15.321	2247	2250	2254	rVB	143670	166716	3.67%	0.450%
93	15.533	2282	2286	2292	rVV	354602	421506	9.29%	1.137%
94	15.604	2293	2298	2304	rVV	555475	808400	17.82%	2.180%
95	15.662	2304	2308	2311	rVV	227924	321826	7.09%	0.868%
96	15.698	2311	2314	2335	rVB3	198446	607813	13.40%	1.639%
97	17.245	2569	2577	2584	rVB2	213313	441751	9.74%	1.191%
98	17.421	2601	2607	2613	rBV2	50582	111979	2.47%	0.302%
99	17.727	2652	2659	2667	rBV	142442	319009	7.03%	0.860%
100	17.986	2701	2703	2712	rVB	37747	71742	1.58%	0.193%

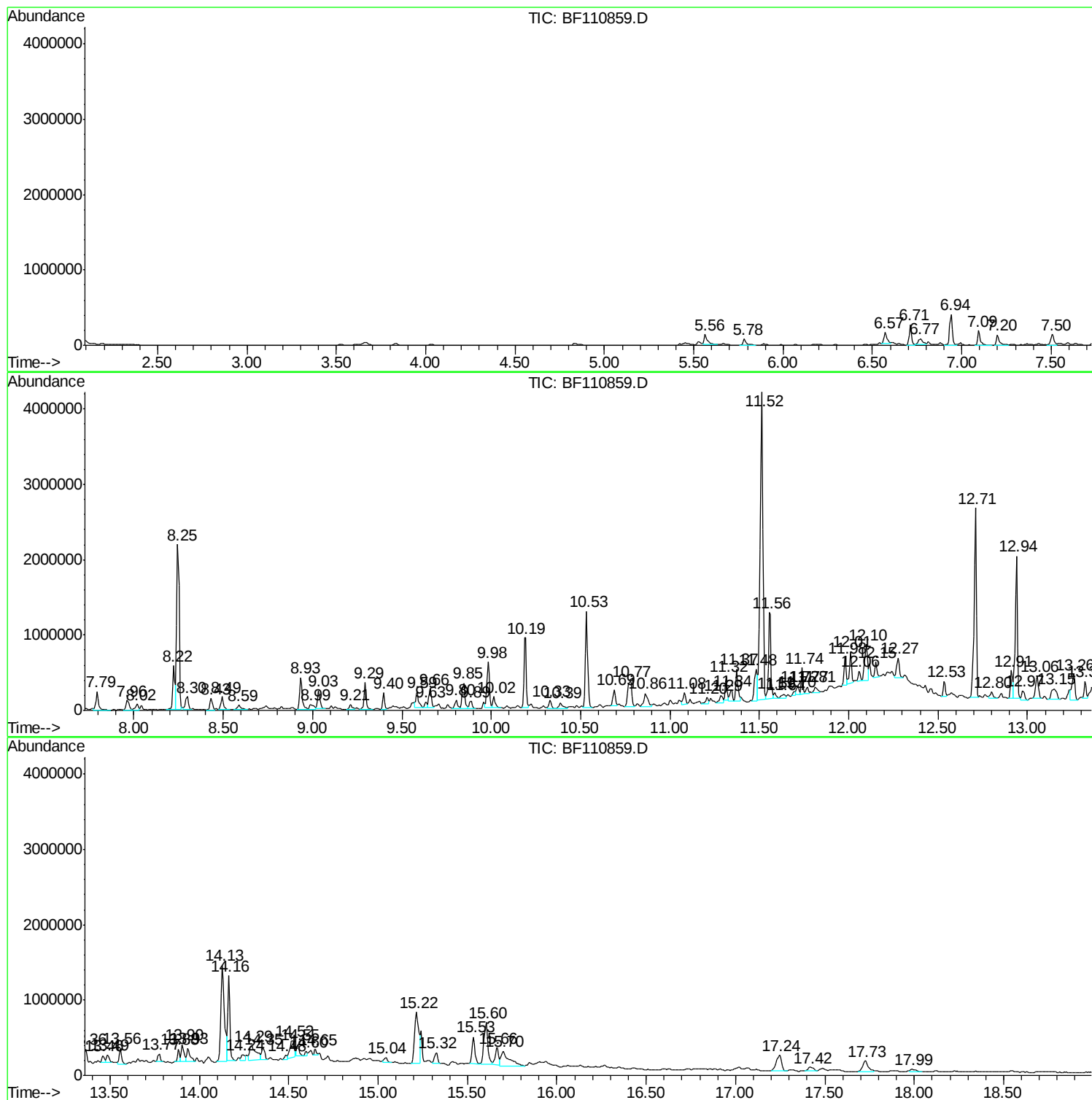
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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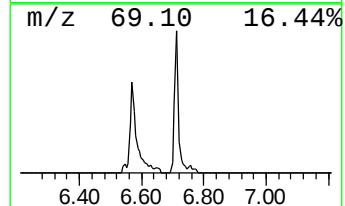
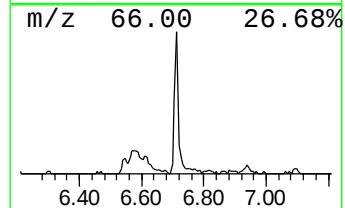
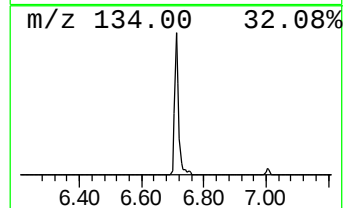
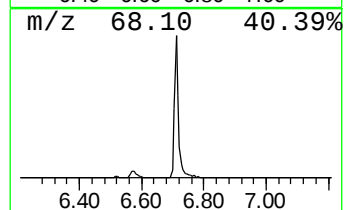
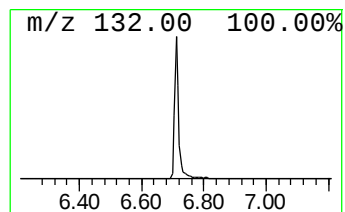
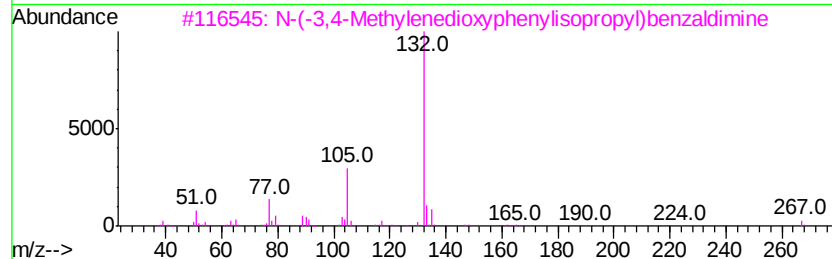
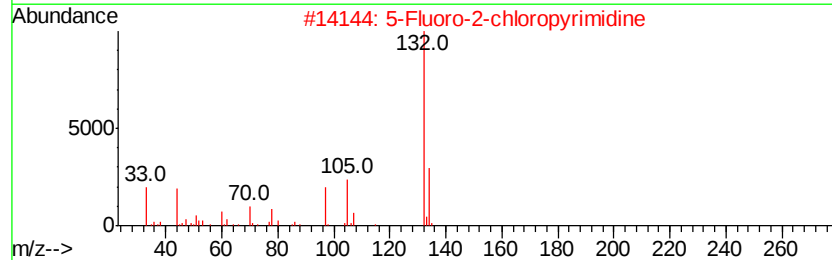
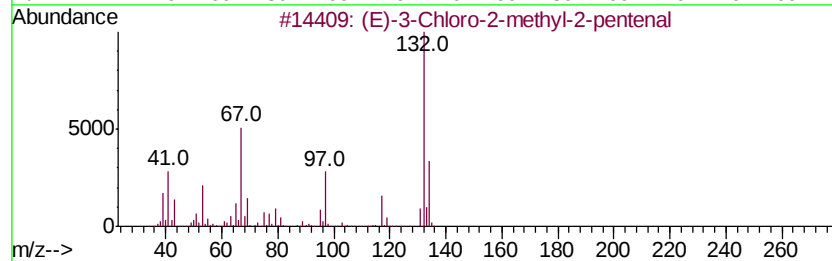
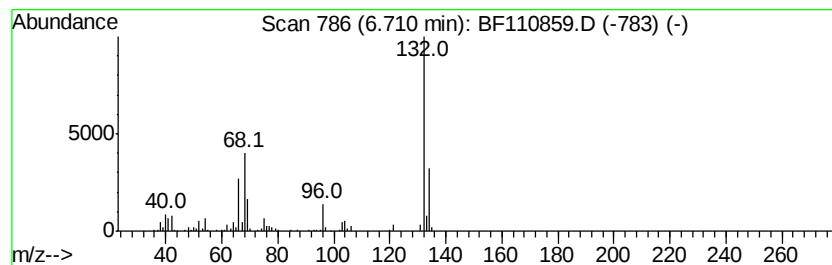
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.71 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	13.12 ng	237933	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		N-(3,4-Methylenedioxyphenyl)isopropylamine	267	C17H17NO2	1000378-96-6	10
4		N-(phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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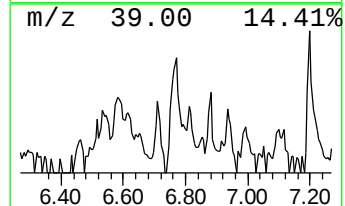
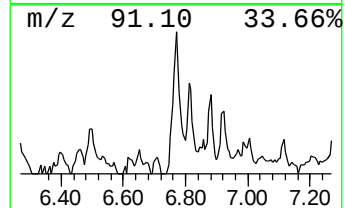
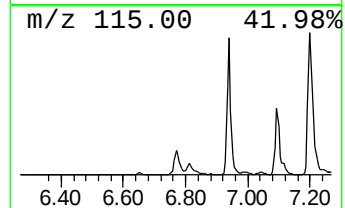
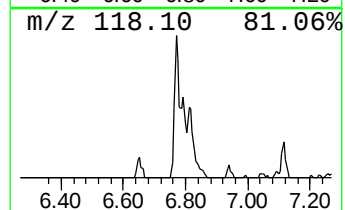
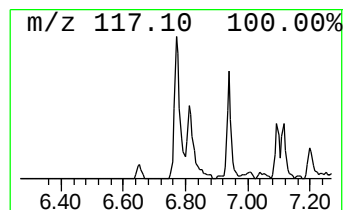
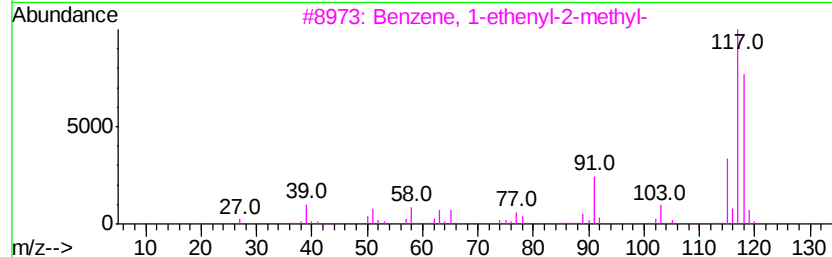
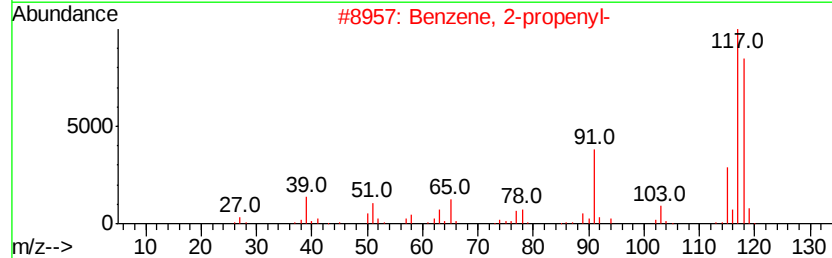
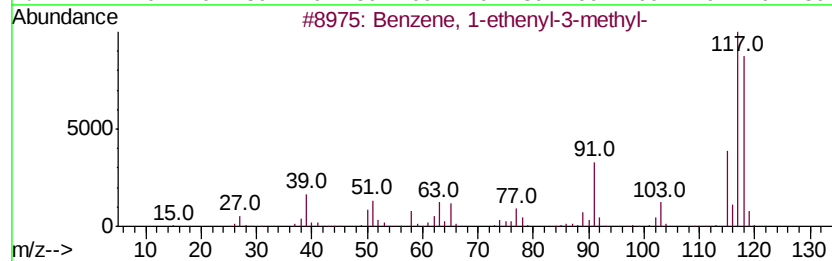
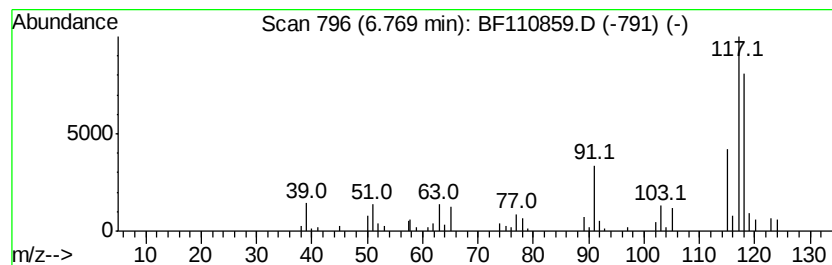
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	7.87 ng	142654	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	92



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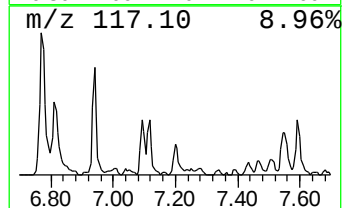
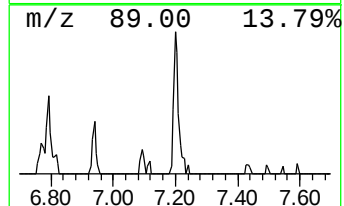
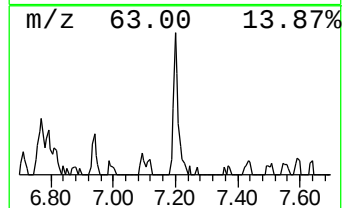
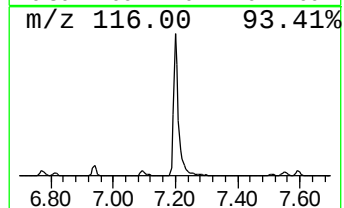
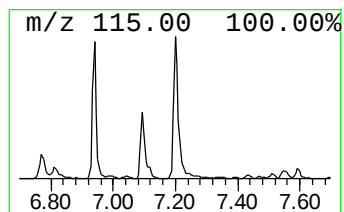
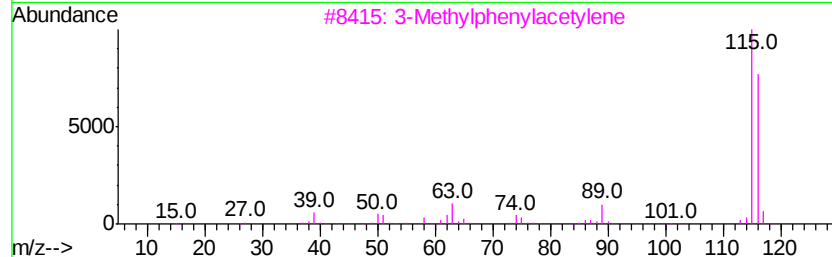
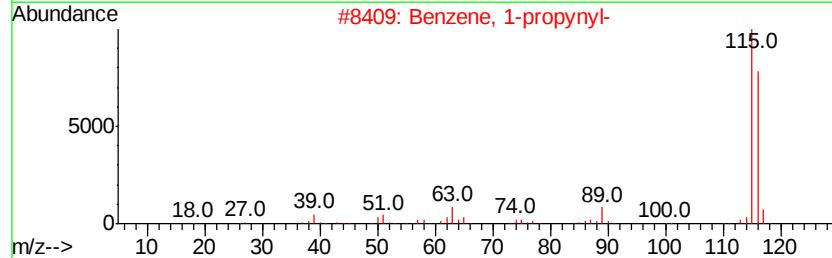
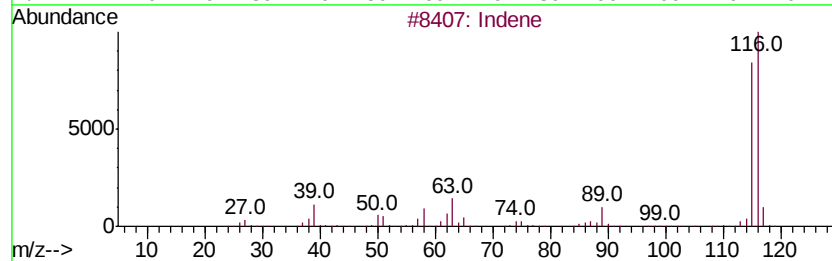
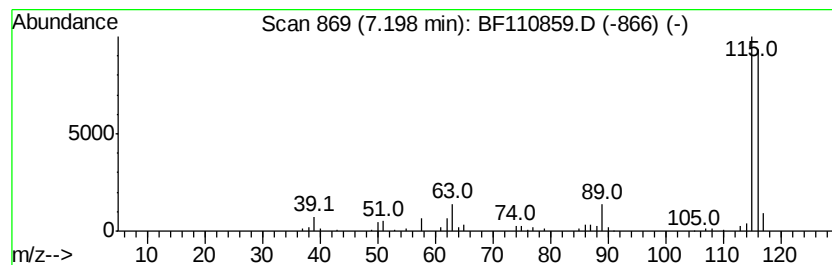
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	9.95 ng	180385	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		2-Methylphenylacetylene	116	C9H8	000766-47-2	91



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Data File : BF110859.D
Acq On : 19 Nov 2018 17:59
Operator : JU/SJ
Sample : J5981-05 5X
Misc :
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ClientSampleId :
DTW-03(8-10)

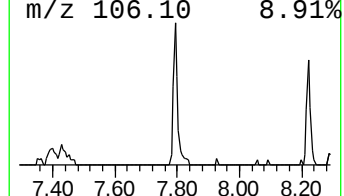
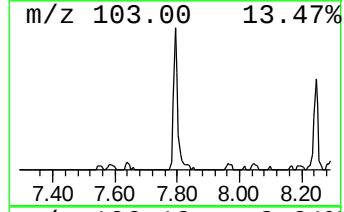
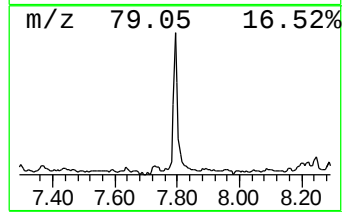
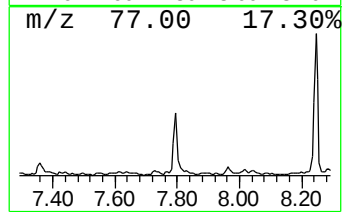
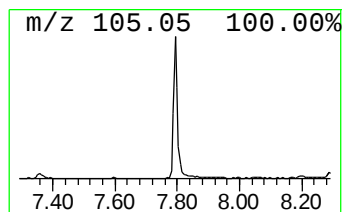
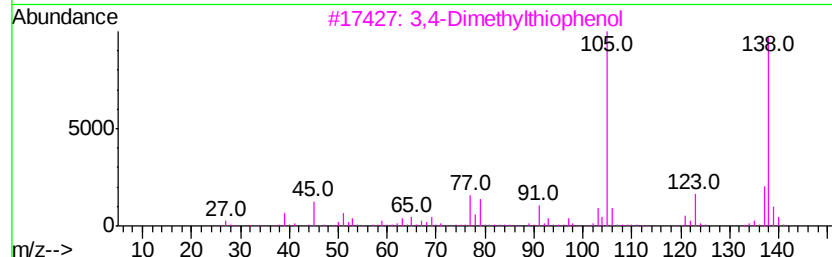
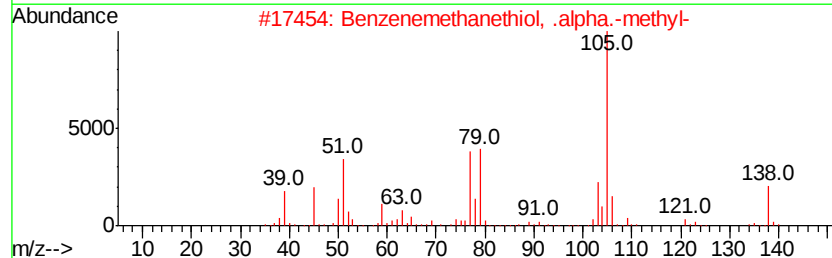
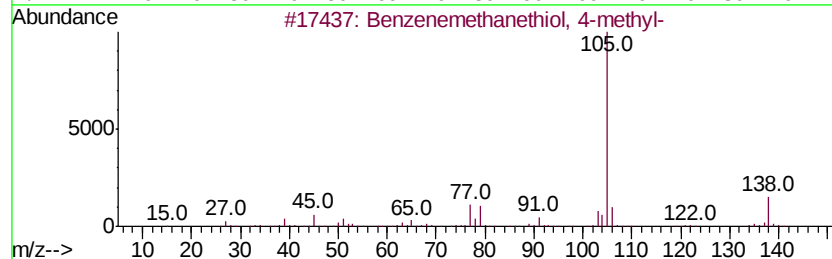
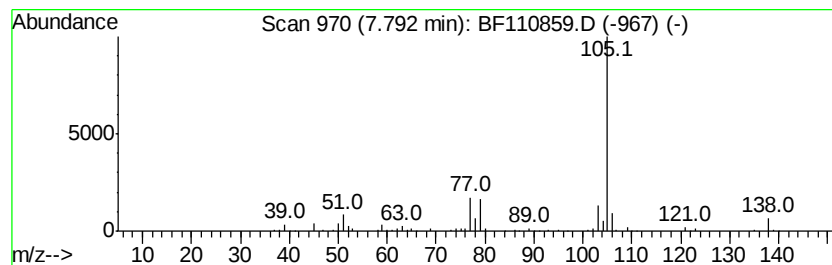
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzenemethanethiol, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	8.56 ng	255385	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
2		Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	83
3		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
5		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64



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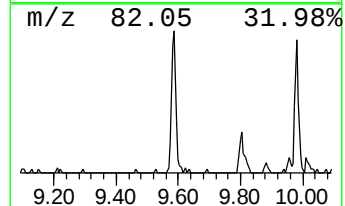
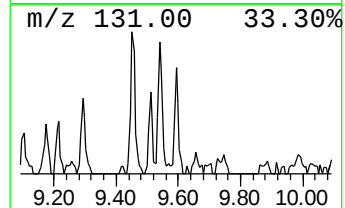
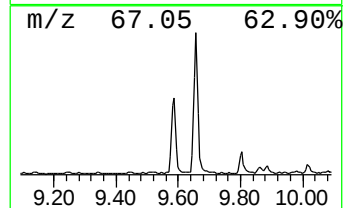
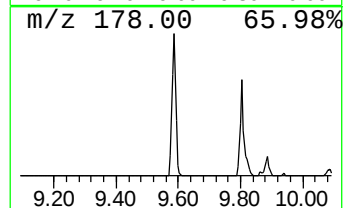
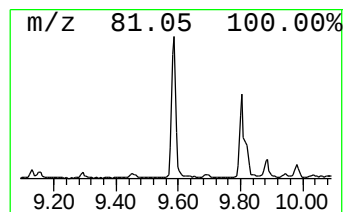
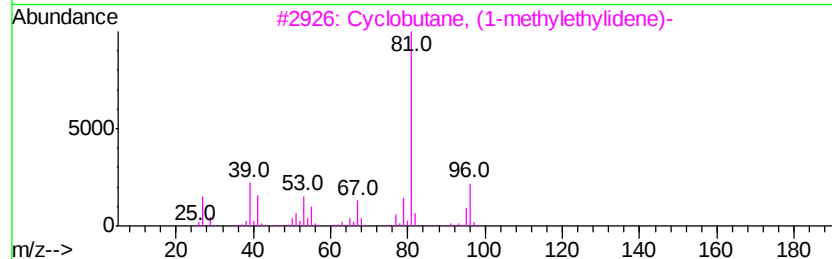
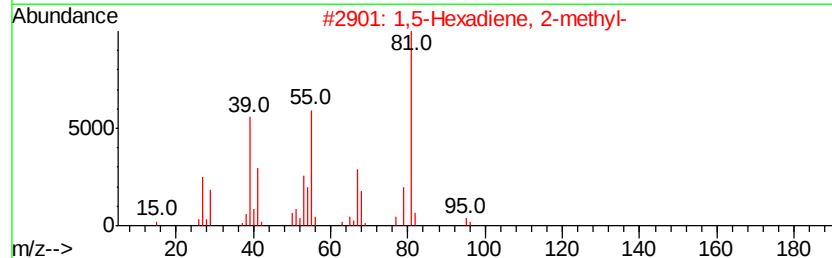
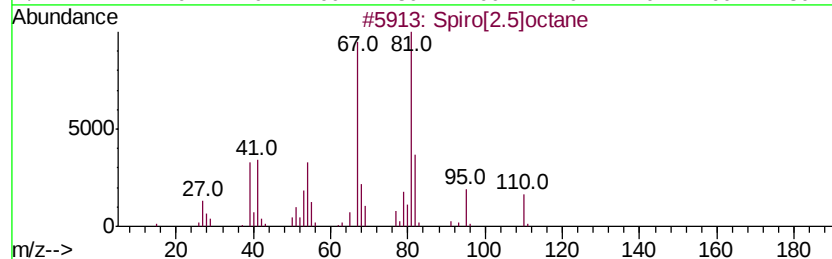
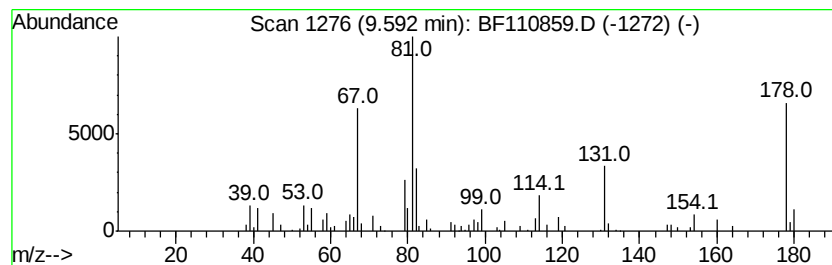
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	9.04 ng	243647	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spino[2.5]octane	110	C8H14	000185-65-9	40
2		1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	35
3		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	25
4		Cyclohexene, 3-(2-propenyl)-	122	C9H14	015232-95-8	25
5		9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002566-97-4	16



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ClientSampleId :
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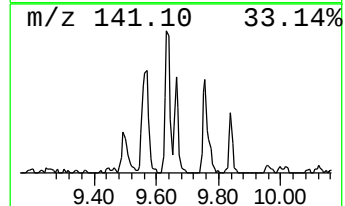
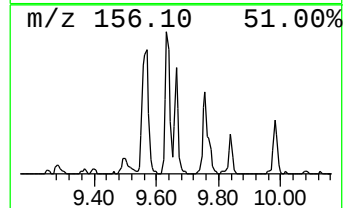
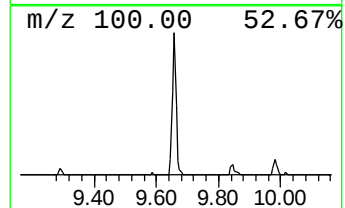
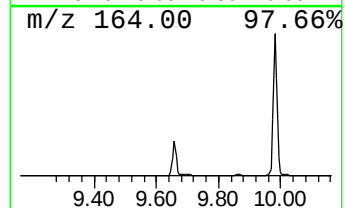
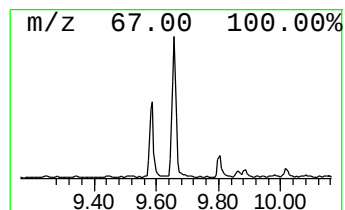
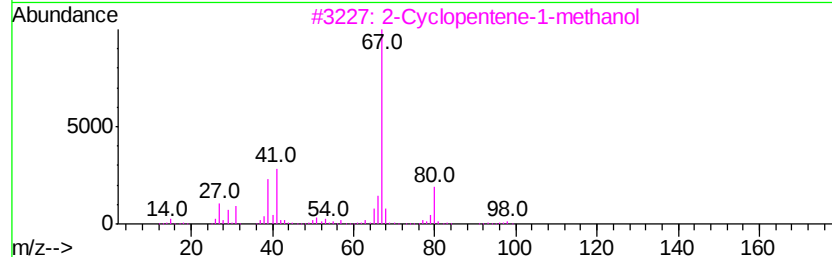
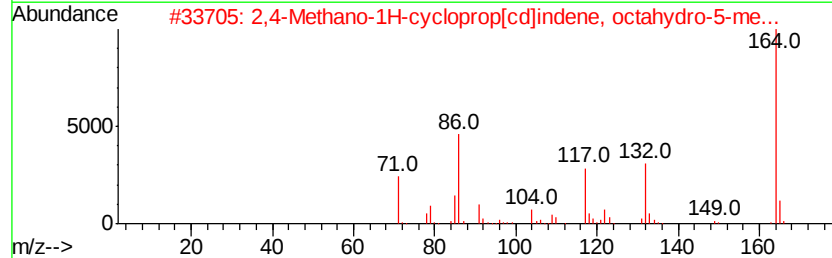
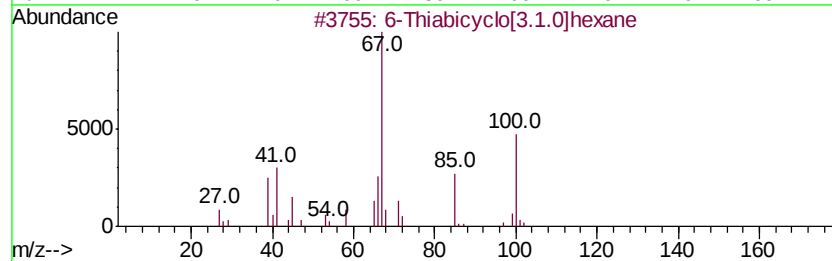
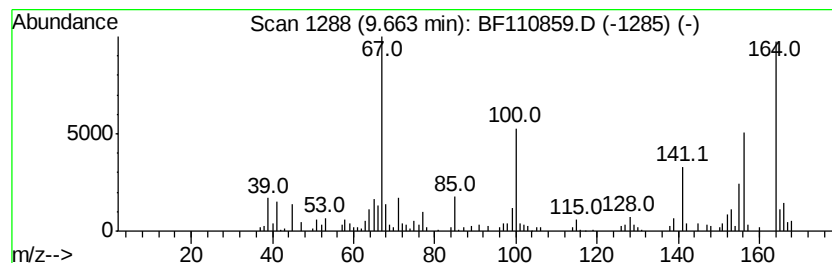
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.40 ng	226418	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	6	Thiabicvclo[3.1.0]hexane	100	C5H8S	000285-75-6	22
2	2,4	Methano-1H-cycloprop[cd]inde...	164	C11H16O	061233-46-3	17
3	2	Cyclopentene-1-methanol	98	C6H10O	013668-59-2	12
4	3	(2-Propenyl)cyclopentene	108	C8H12	014564-97-7	12
5	Pentalene	octahydro-1,4-divinyl-	162	C12H18	017572-84-8	10



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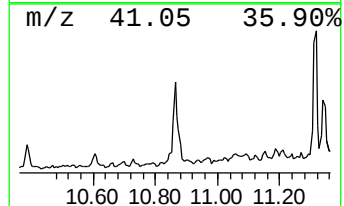
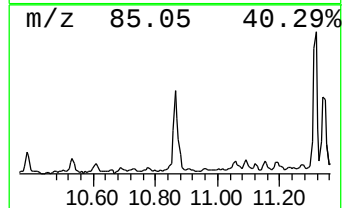
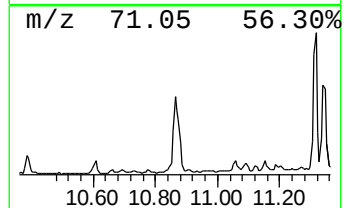
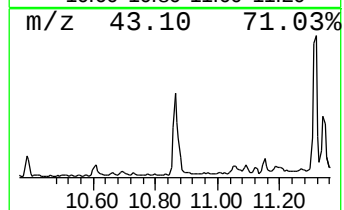
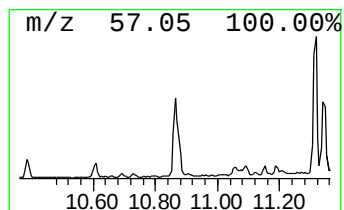
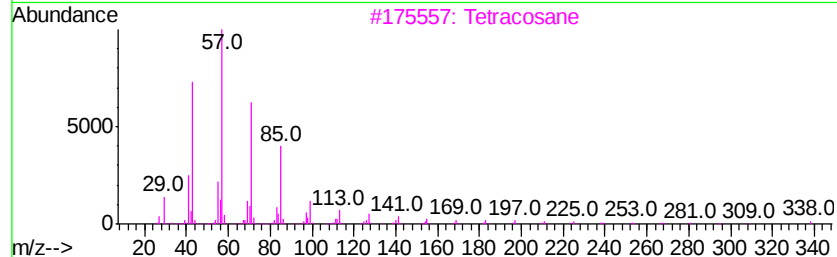
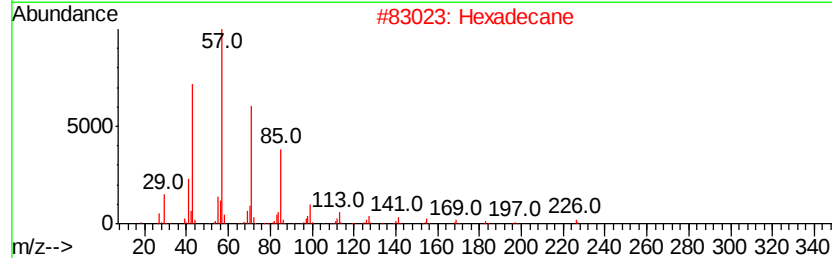
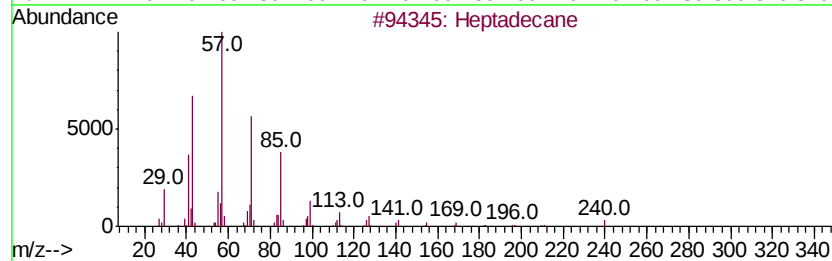
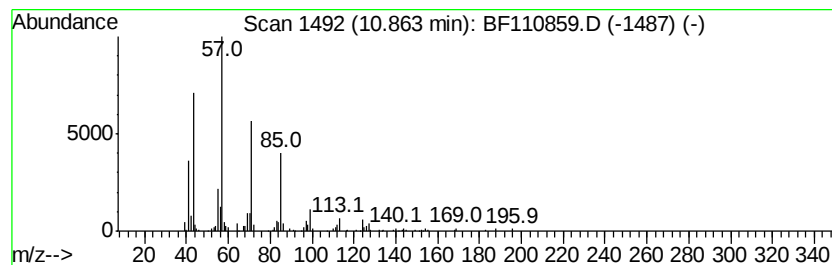
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	12.26 ng	244175	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetracosane		338	C24H50	000646-31-1	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



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ClientSampleId :
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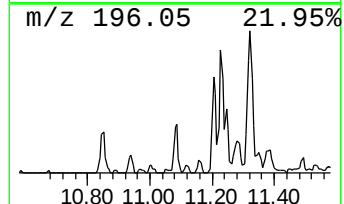
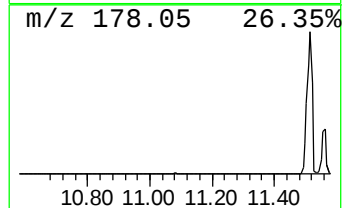
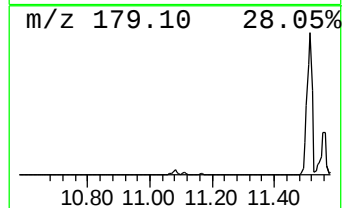
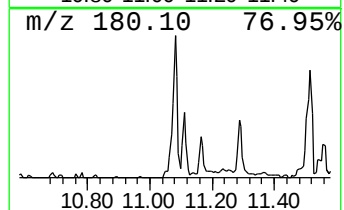
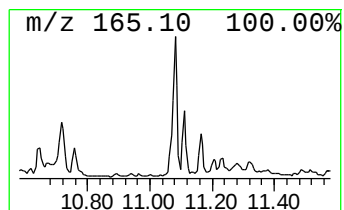
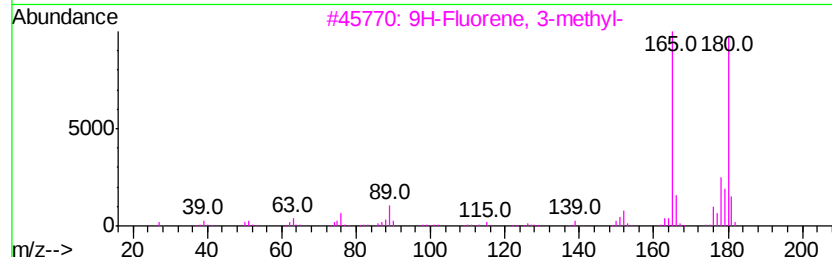
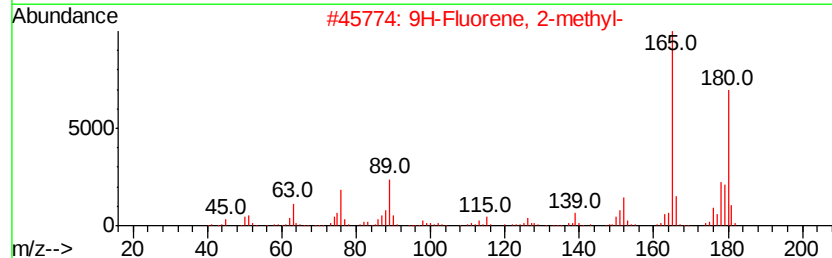
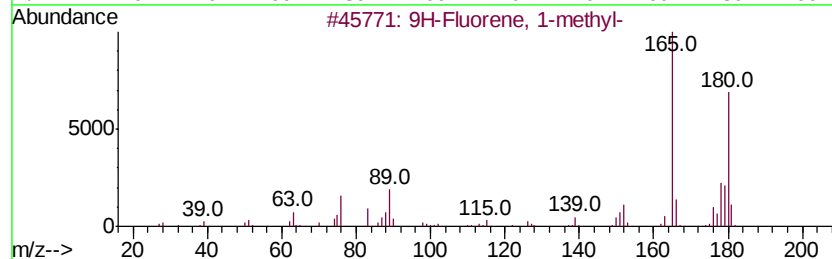
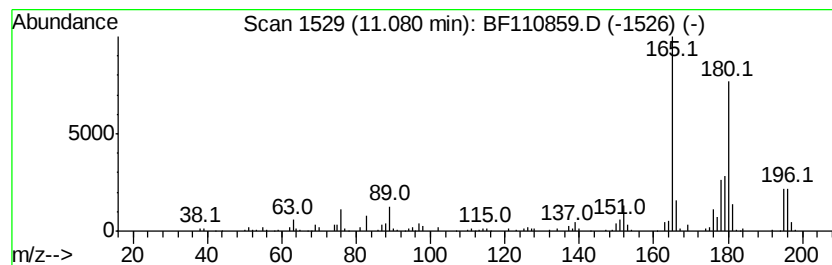
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	8.16 ng	162497	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83



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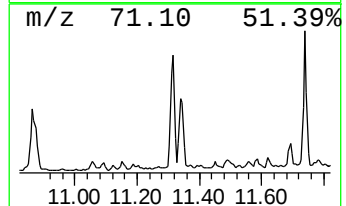
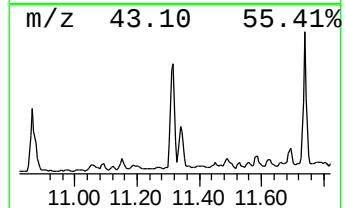
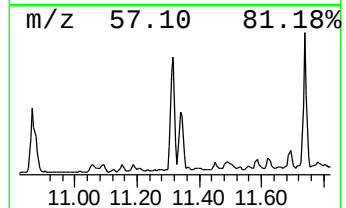
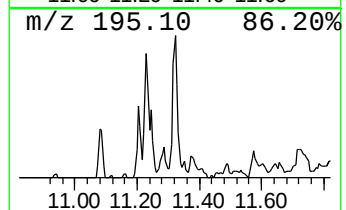
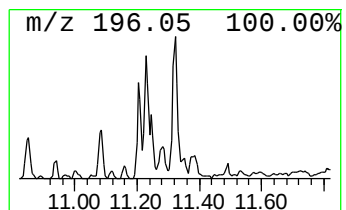
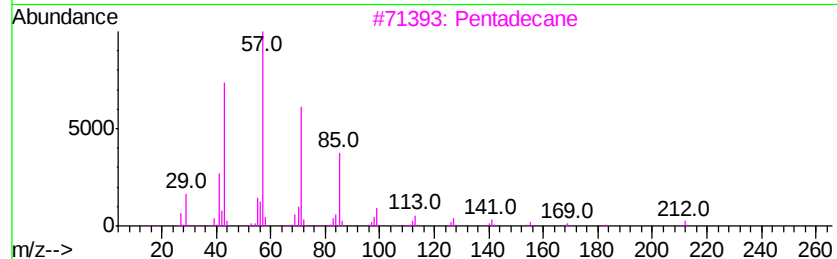
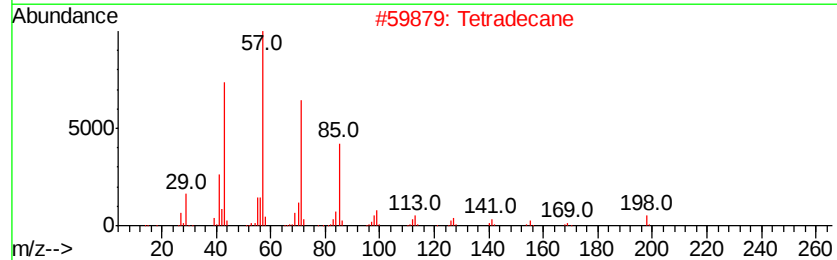
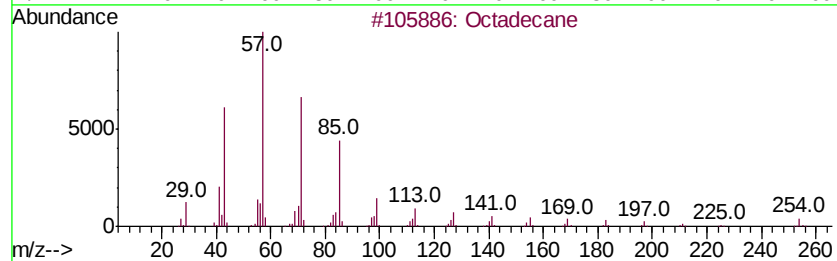
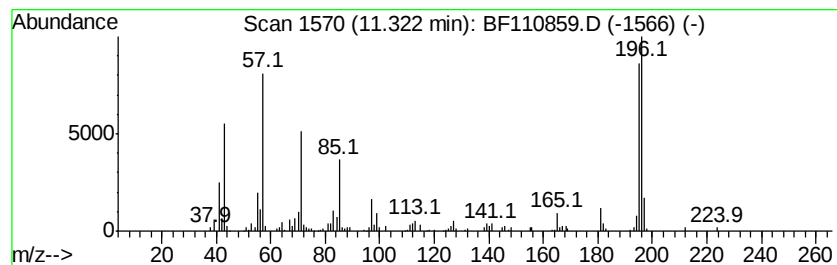
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	13.28 ng	264513	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Tetradecane	198	C14H30	000629-59-4	93
3		Pentadecane	212	C15H32	000629-62-9	92
4		Heptacosane	380	C27H56	000593-49-7	62
5		Tetracosane	338	C24H50	000646-31-1	62



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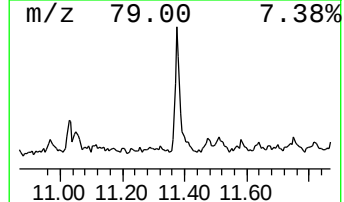
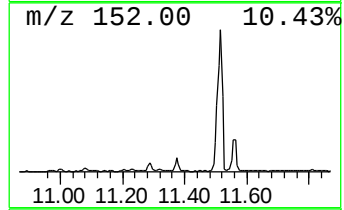
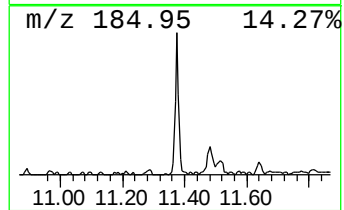
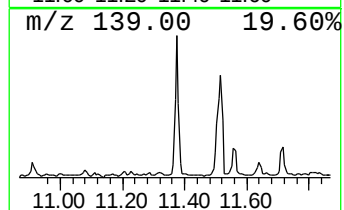
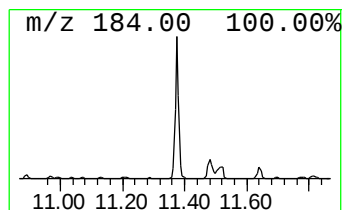
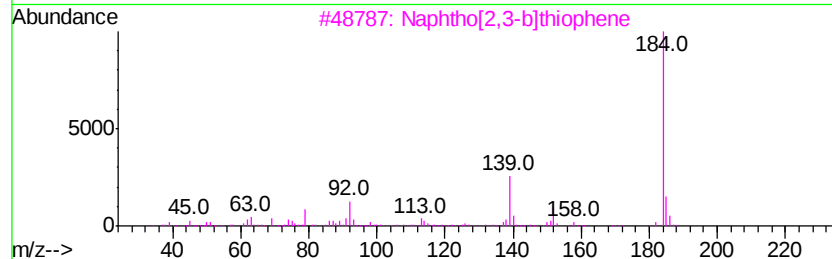
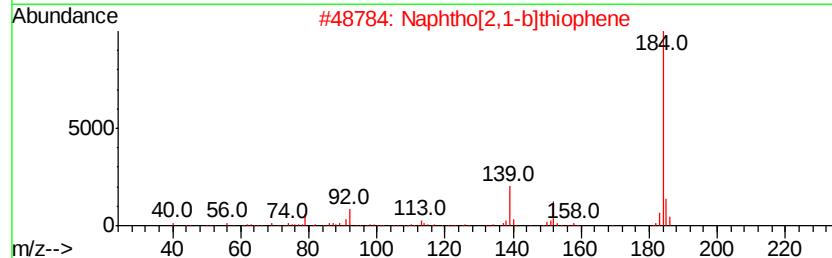
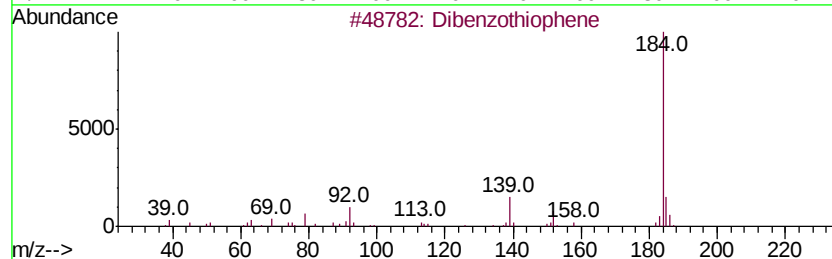
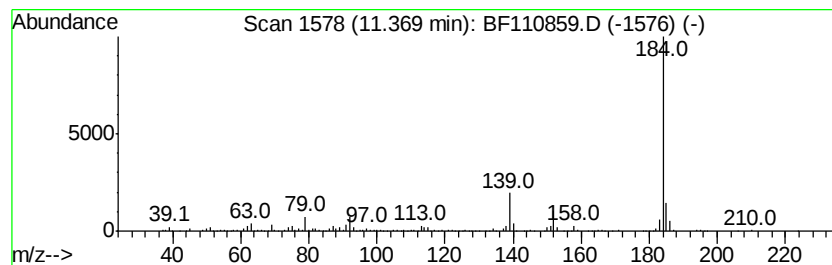
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	17.86 ng	355711	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110859.D
Acq On : 19 Nov 2018 17:59
Operator : JU/SJ
Sample : J5981-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DTW-03(8-10)

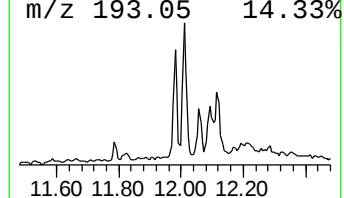
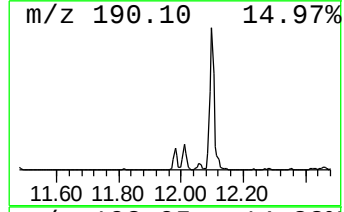
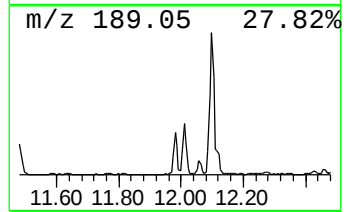
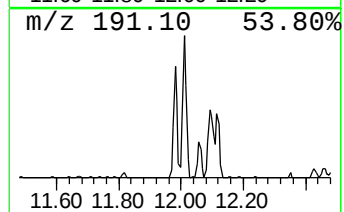
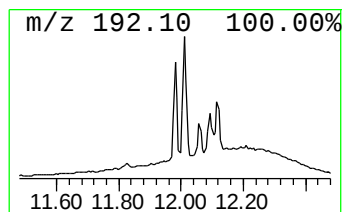
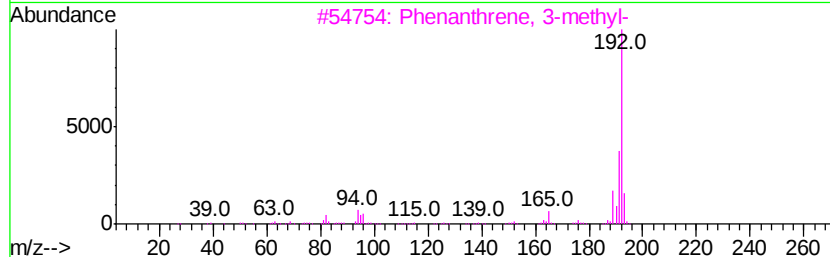
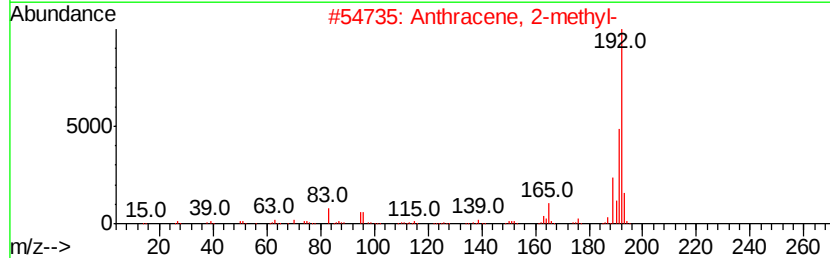
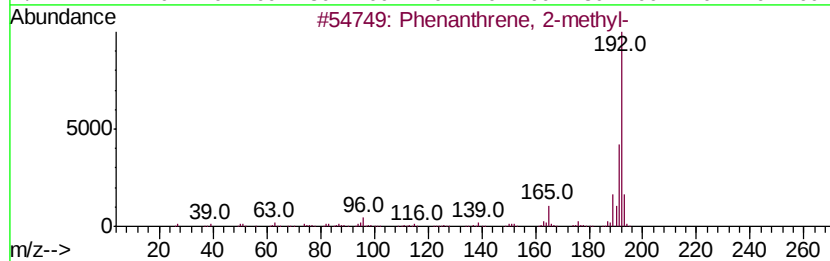
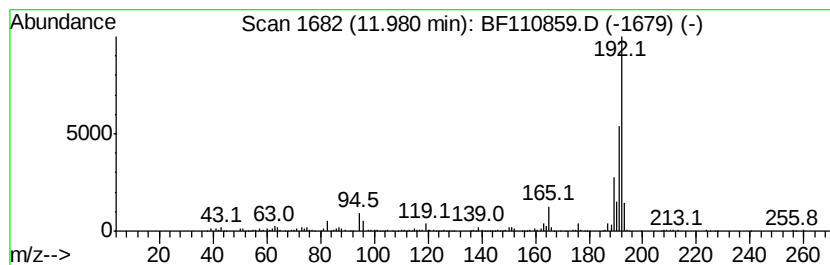
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	16.46 ng	327726	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110859.D
Acq On : 19 Nov 2018 17:59
Operator : JU/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
DTW-03(8-10)

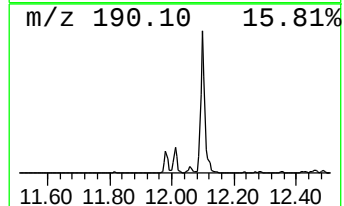
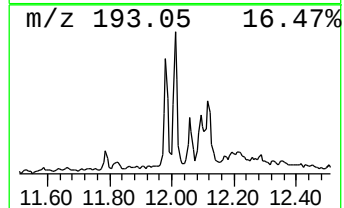
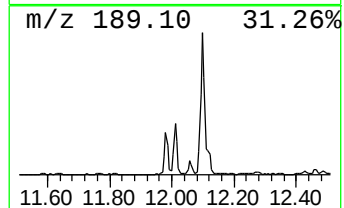
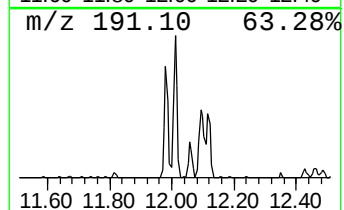
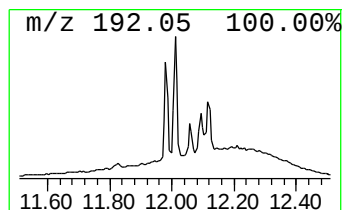
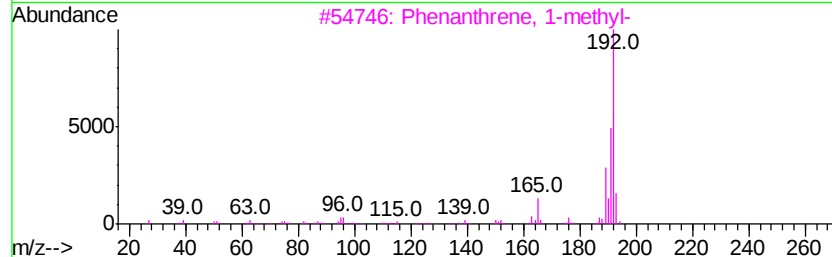
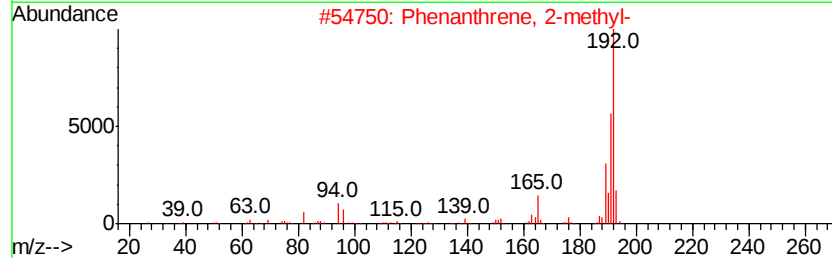
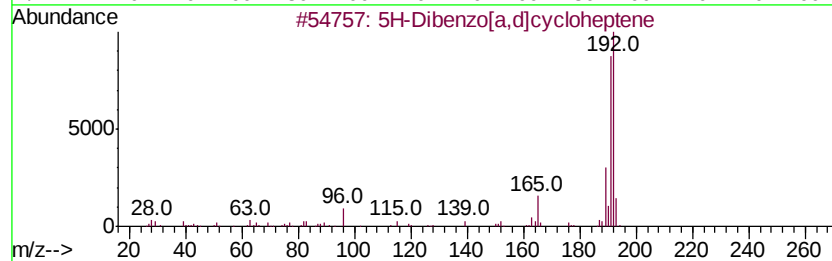
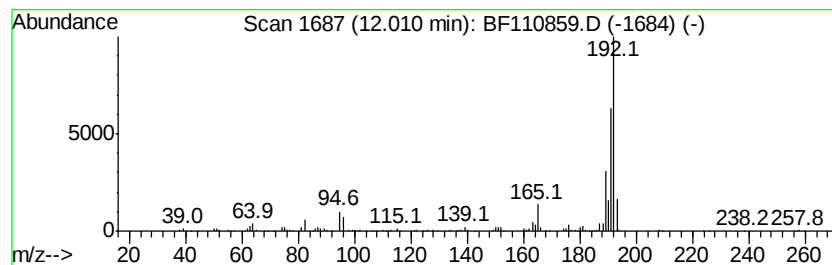
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 5H-Dibenzo[a,d]cycloheptene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	18.48 ng	368111	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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Misc :
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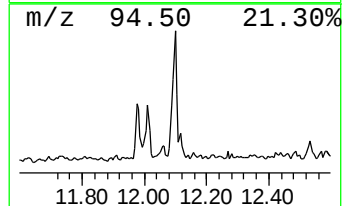
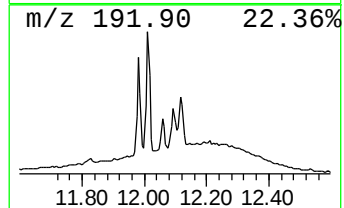
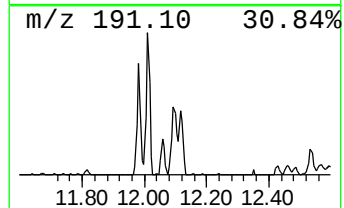
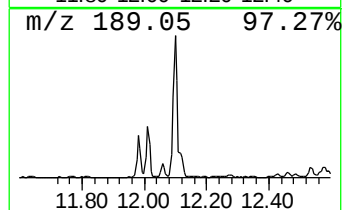
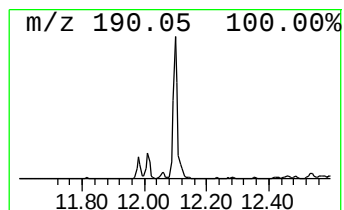
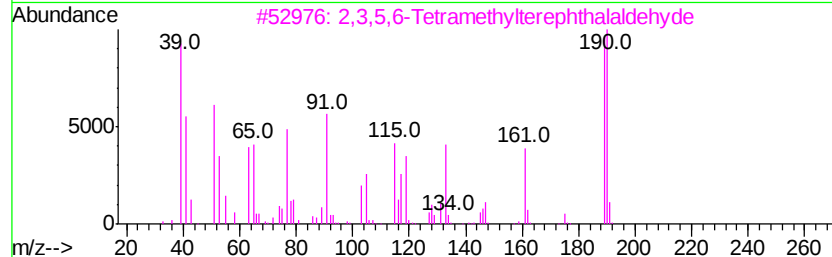
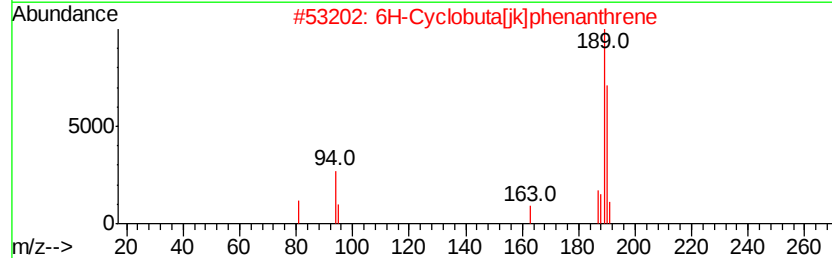
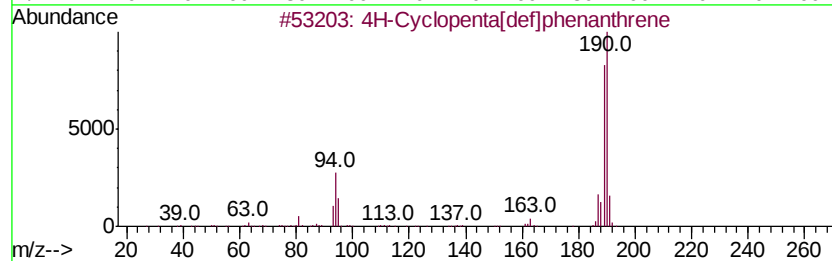
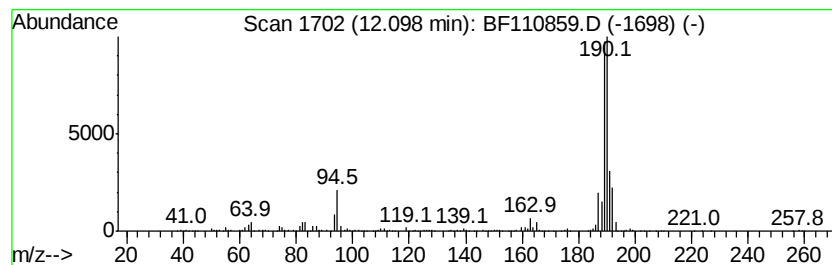
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	26.37 ng	525131	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



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DTW-03(8-10)

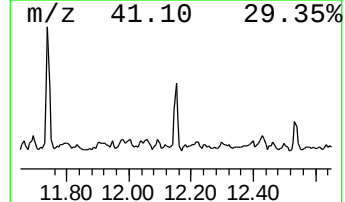
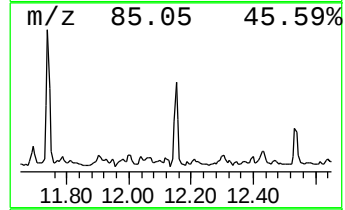
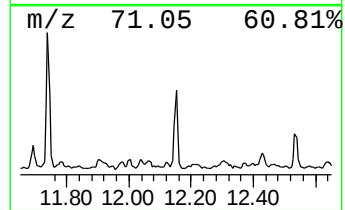
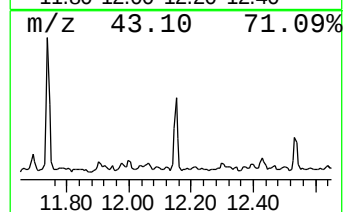
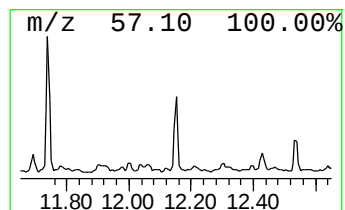
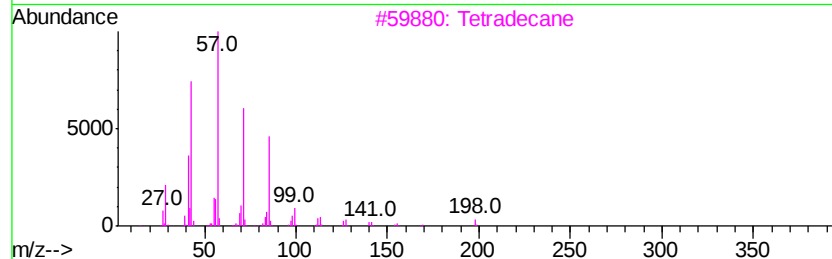
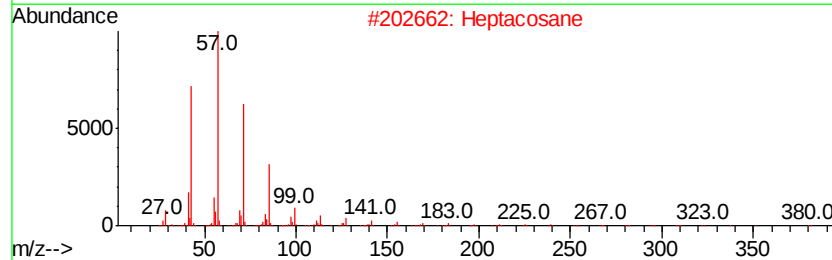
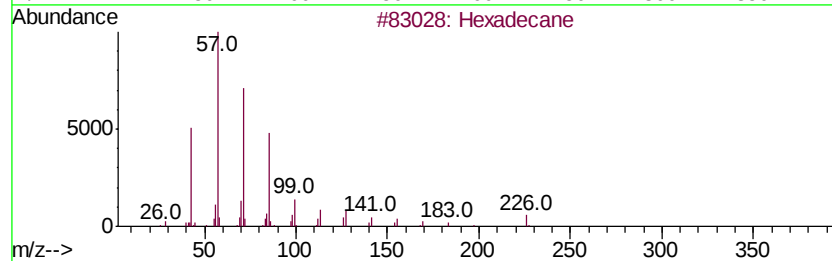
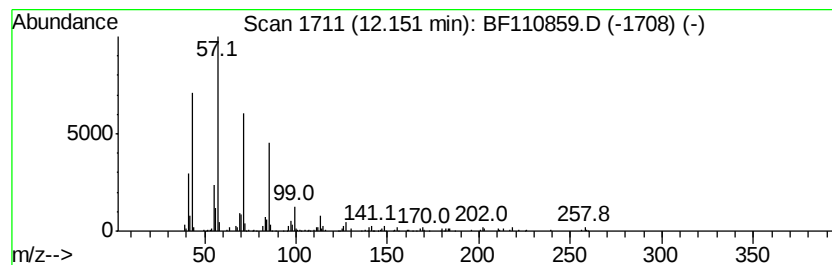
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	9.48 ng	188769	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



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Misc :
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ClientSampleId :
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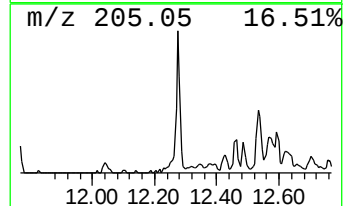
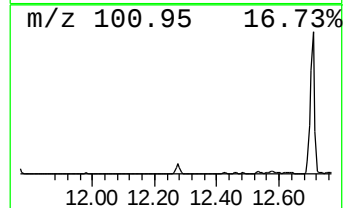
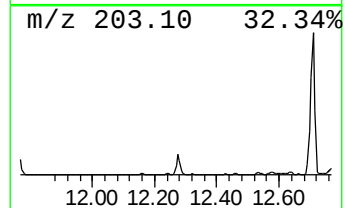
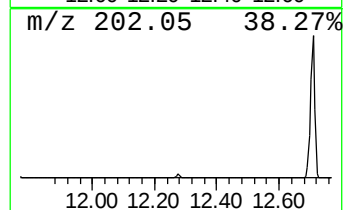
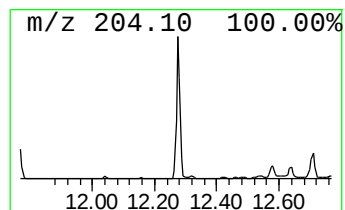
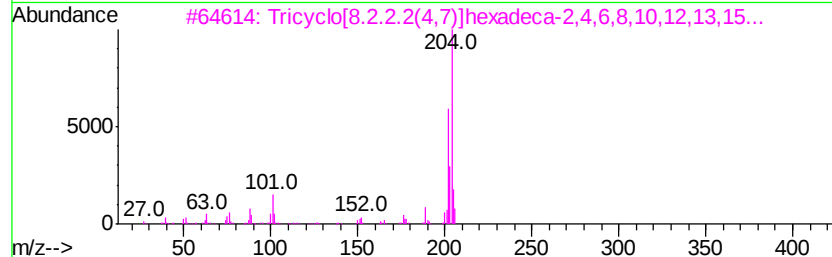
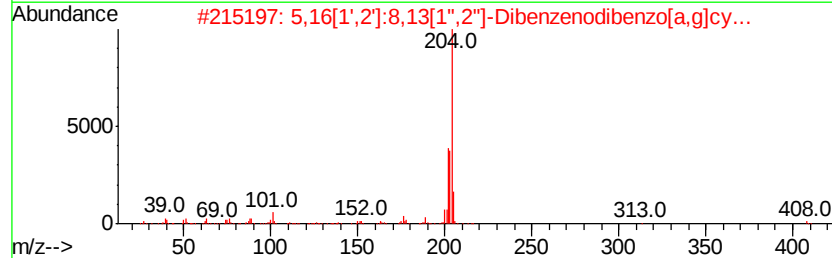
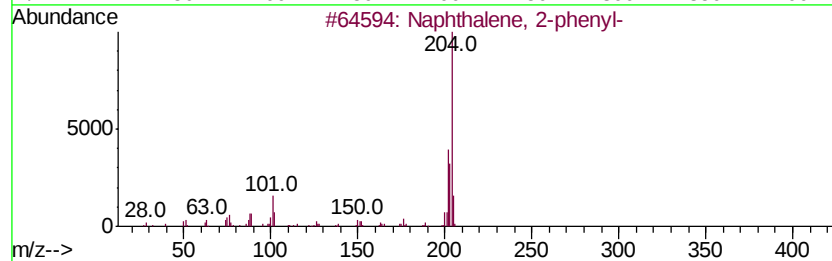
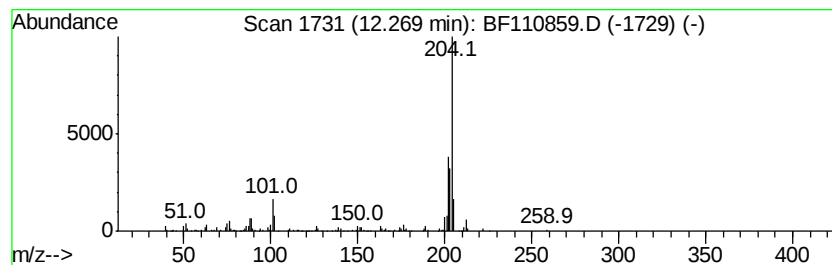
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	11.70 ng	233035	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58



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ClientSampleId :
DTW-03(8-10)

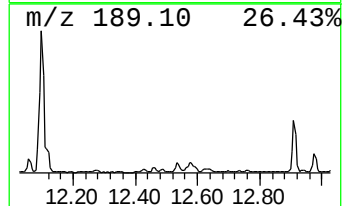
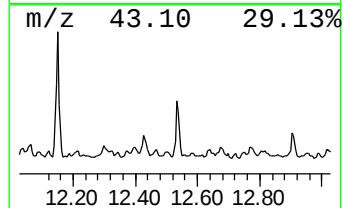
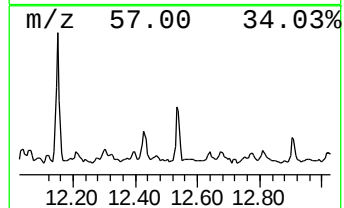
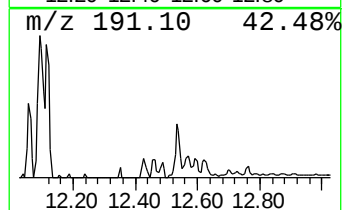
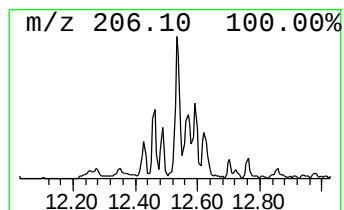
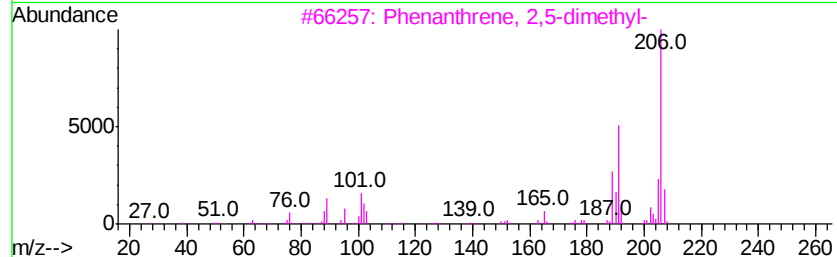
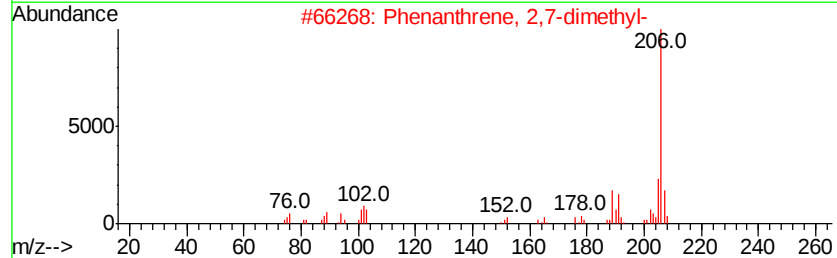
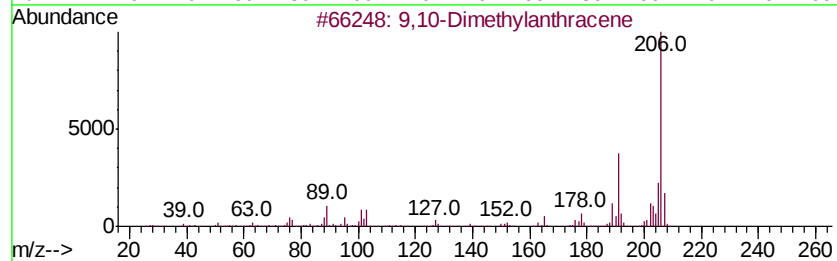
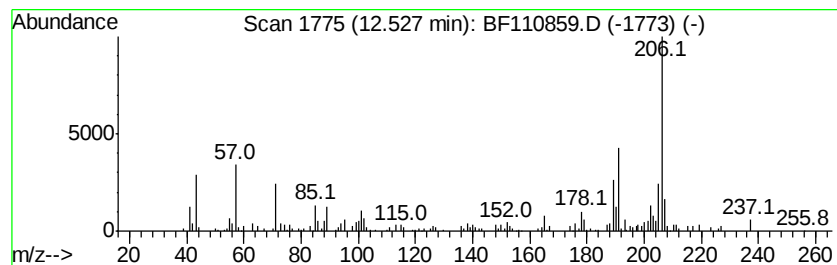
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	9.41 ng	187378	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	83
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	70



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ClientSampleId :
DTW-03(8-10)

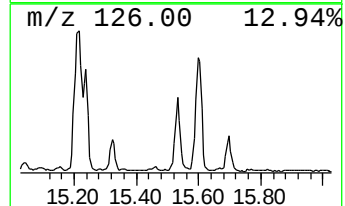
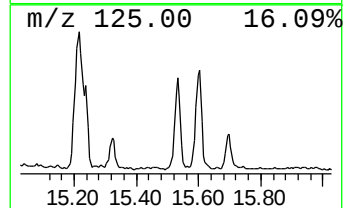
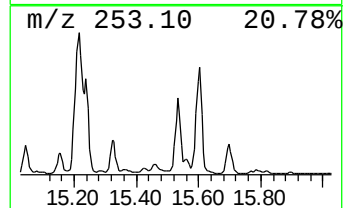
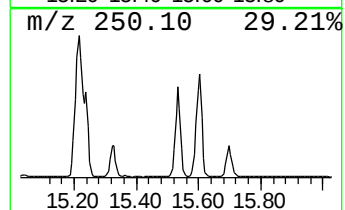
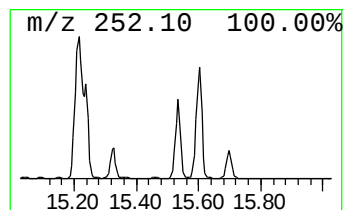
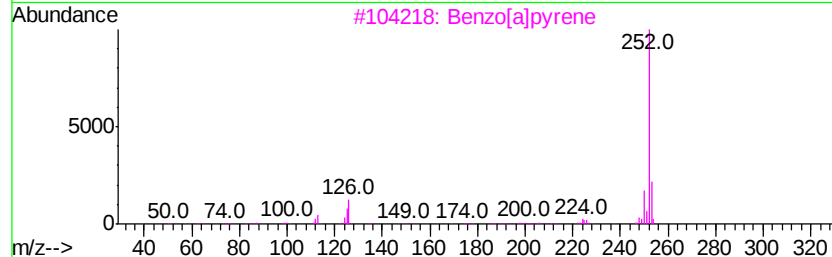
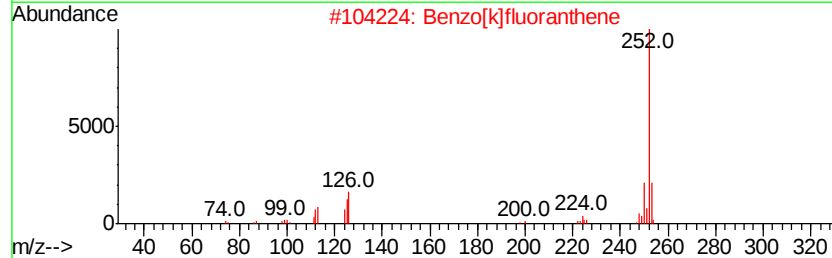
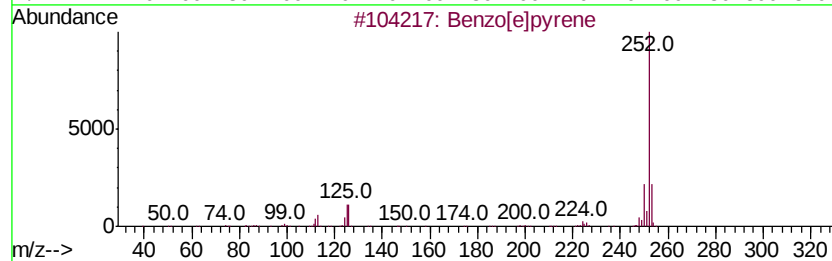
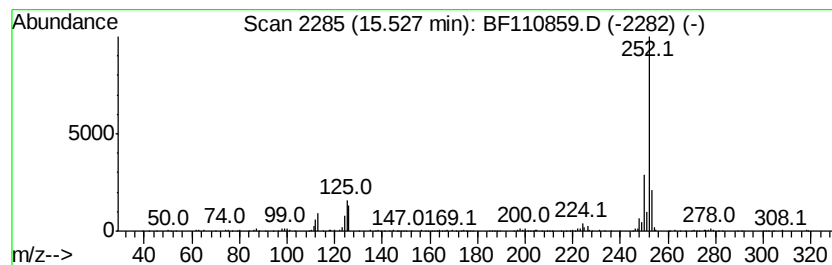
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	26.19 ng	421506	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110859.D
 Acq On : 19 Nov 2018 17:59
 Operator : JU/SJ
 Sample : J5981-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.71	6.71	13.1	ng	237933	1	6.94	362570	20.0
Benzene, 1-etheny...	6.77	7.9	ng	142654	1	6.94	362570	20.0
Indene	7.20	9.9	ng	180385	1	6.94	362570	20.0
Benzenemethanethi...	7.79	8.6	ng	255385	2	8.22	596878	20.0
unknown9.59	9.59	9.0	ng	243647	3	9.98	538780	20.0
unknown9.66	9.66	8.4	ng	226418	3	9.98	538780	20.0
Heptadecane	10.86	12.3	ng	244175	4	11.48	398301	20.0
9H-Fluorene, 1-me...	11.08	8.2	ng	162497	4	11.48	398301	20.0
Octadecane	11.32	13.3	ng	264513	4	11.48	398301	20.0
Dibenzothiophene	11.37	17.9	ng	355711	4	11.48	398301	20.0
Phenanthrene, 2-m...	11.98	16.5	ng	327726	4	11.48	398301	20.0
5H-Dibenzo[a,d]cy...	12.01	18.5	ng	368111	4	11.48	398301	20.0
4H-Cyclopenta[def...	12.10	26.4	ng	525131	4	11.48	398301	20.0
Hexadecane	12.15	9.5	ng	188769	4	11.48	398301	20.0
Naphthalene, 2-ph...	12.27	11.7	ng	233035	4	11.48	398301	20.0
9,10-Dimethylanthe...	12.53	9.4	ng	187378	4	11.48	398301	20.0
Benzo[e]pyrene	15.53	26.2	ng	421506	6	15.66	321826	20.0